FIG. 1

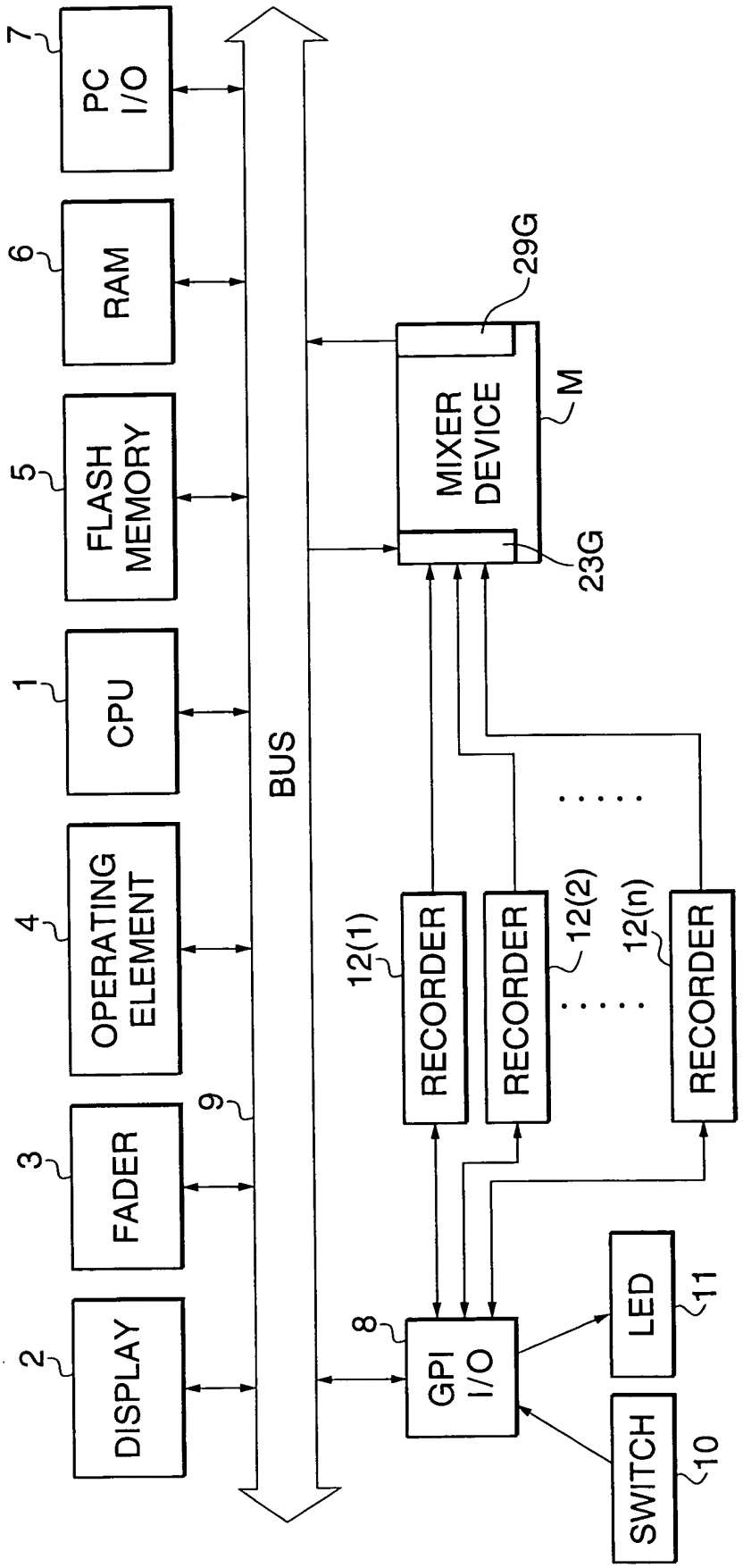

BUS
1
CPU
2
DISPLAY
3
FADER
4
OPERATING ELEMENT
5
FLASH MEMORY
6
RAM
7
PC I/O
8
GPI I/O
9
10
SWITCH
11
LED
12(1)
RECORDER
12(2)
RECORDER
12(n)
RECORDER
23G
29G
MIXER DEVICE
M

FIG. 2

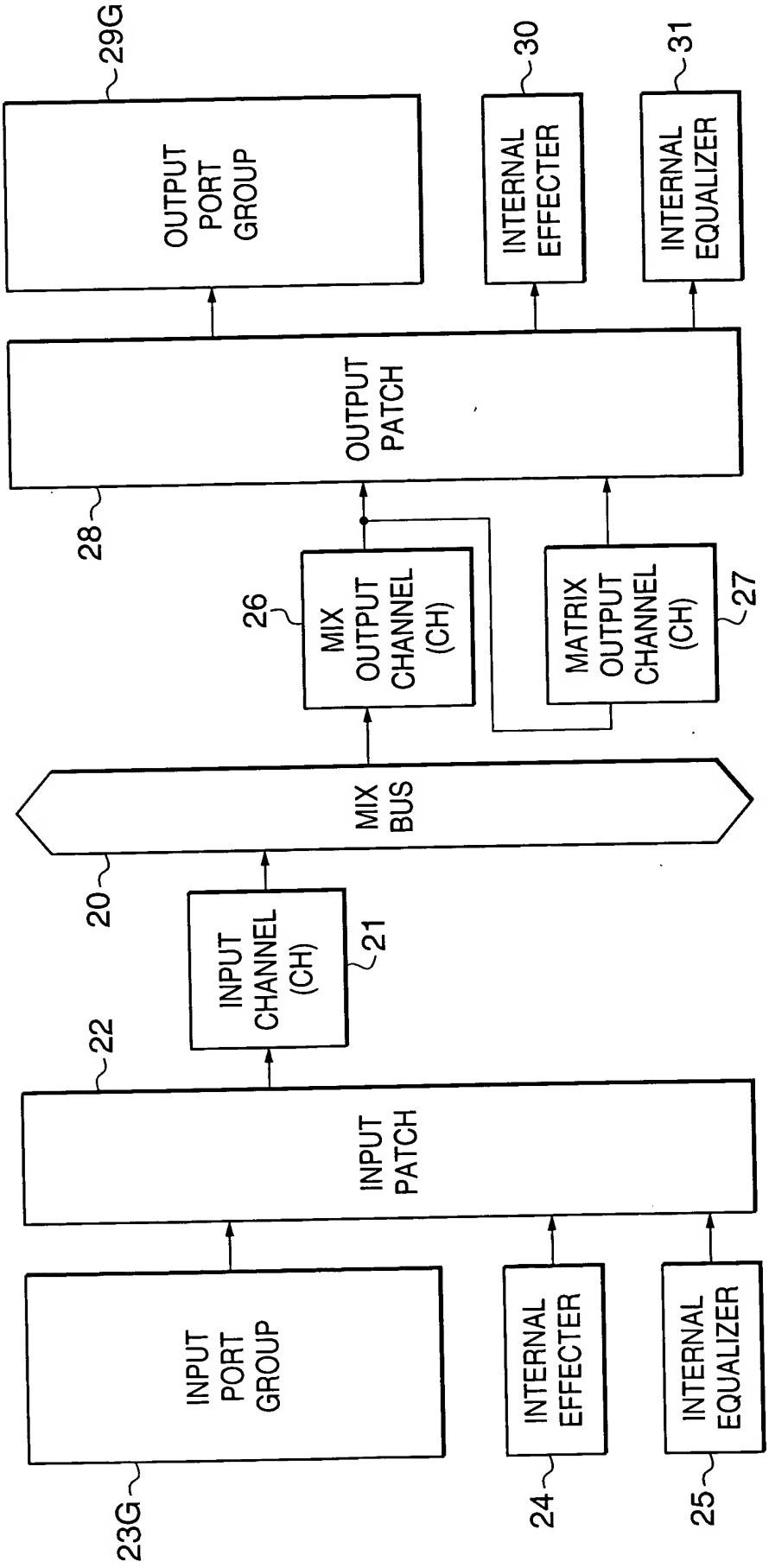

29G
OUTPUT PORT GROUP
30
INTERNAL EFFECTER
31
INTERNAL EQUALIZER
OUTPUT PATCH
28
26
MIX OUTPUT CHANNEL (CH)
MATRIX OUTPUT CHANNEL (CH)
27
MIX BUS
20
INPUT CHANNEL (CH)
21
22
INPUT PATCH
INPUT PORT GROUP
23G
INTERNAL EFFECTER
24
INTERNAL EQUALIZER
25

FIG. 3

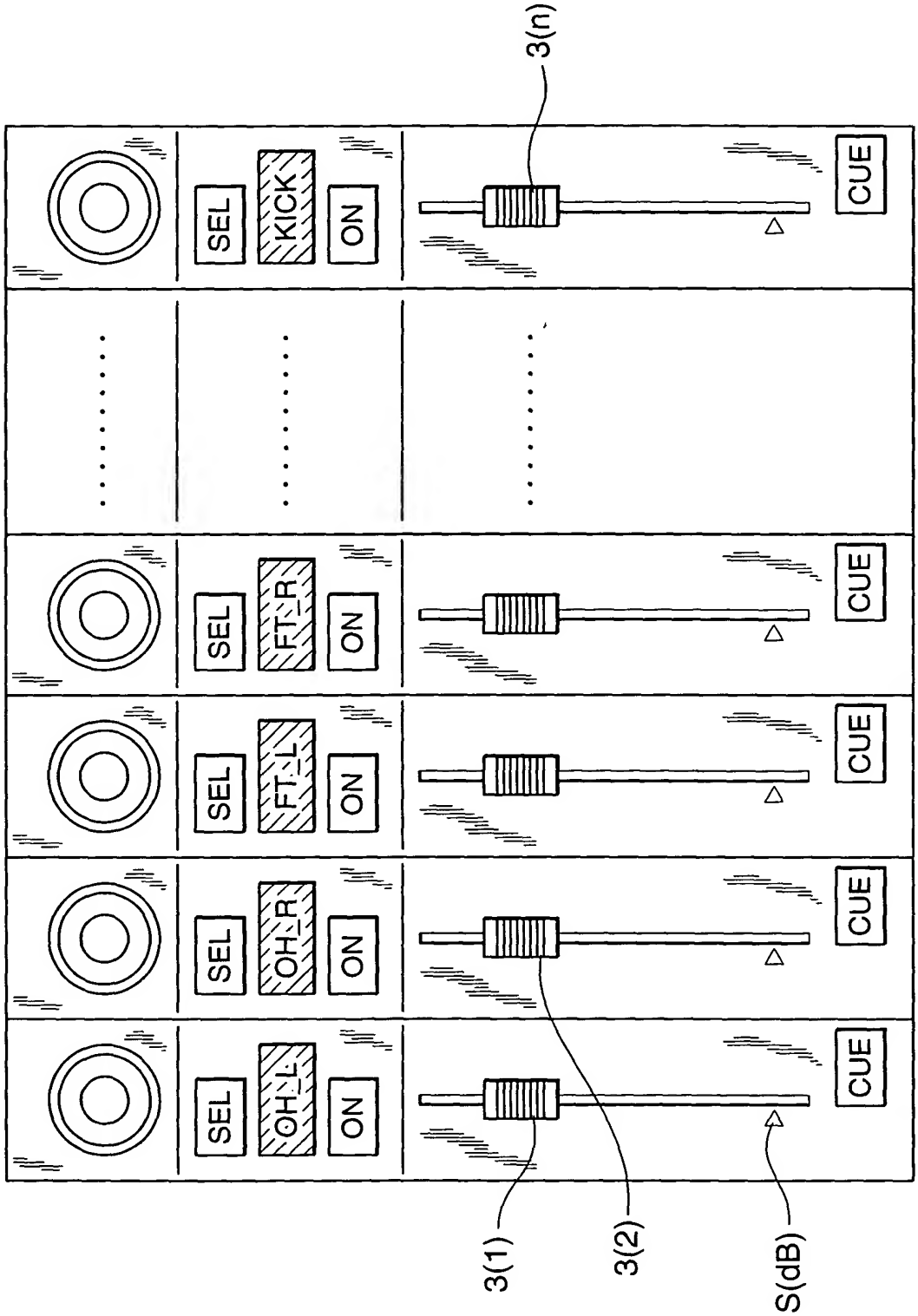

3(n)
SEL
KICK
ON
CUE
SEL
FT_R
ON
CUE
SEL
FT_L
ON
CUE
SEL
OH_R
ON
CUE
SEL
OH_L
ON
CUE
3(1)
3(2)
S(dB)

FIG. 4A

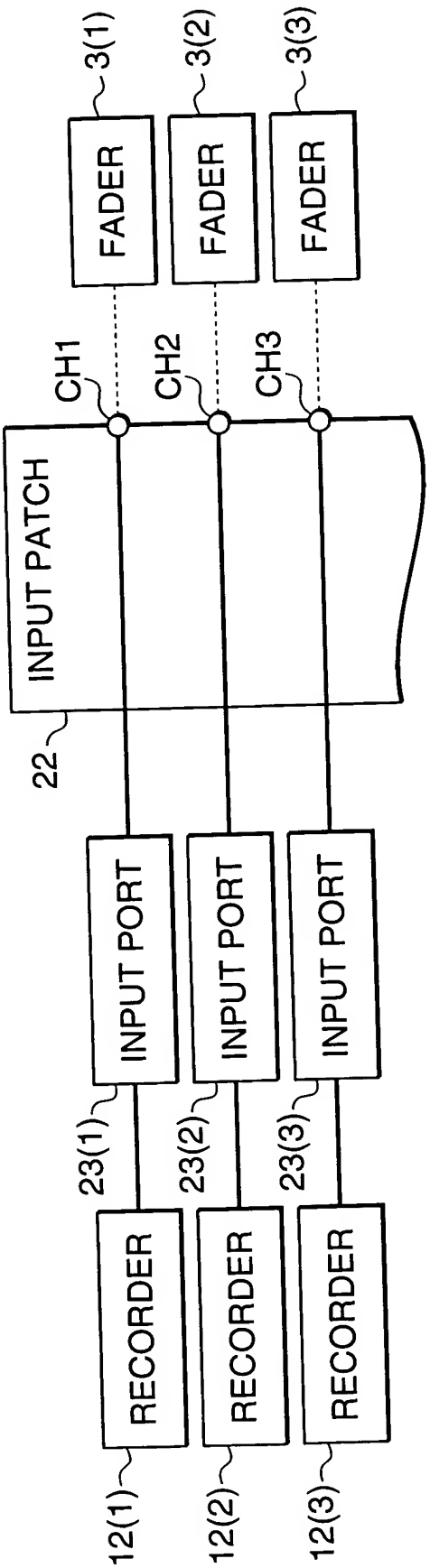

FADER
3(1)
FADER
3(2)
FADER
3(3)
CH1
CH2
CH3
INPUT PATCH
22
INPUT PORT
INPUT PORT
INPUT PORT
23(1)
23(2)
23(3)
RECORDER
RECORDER
RECORDER
12(1)
12(2)
12(3)

FIG. 4B

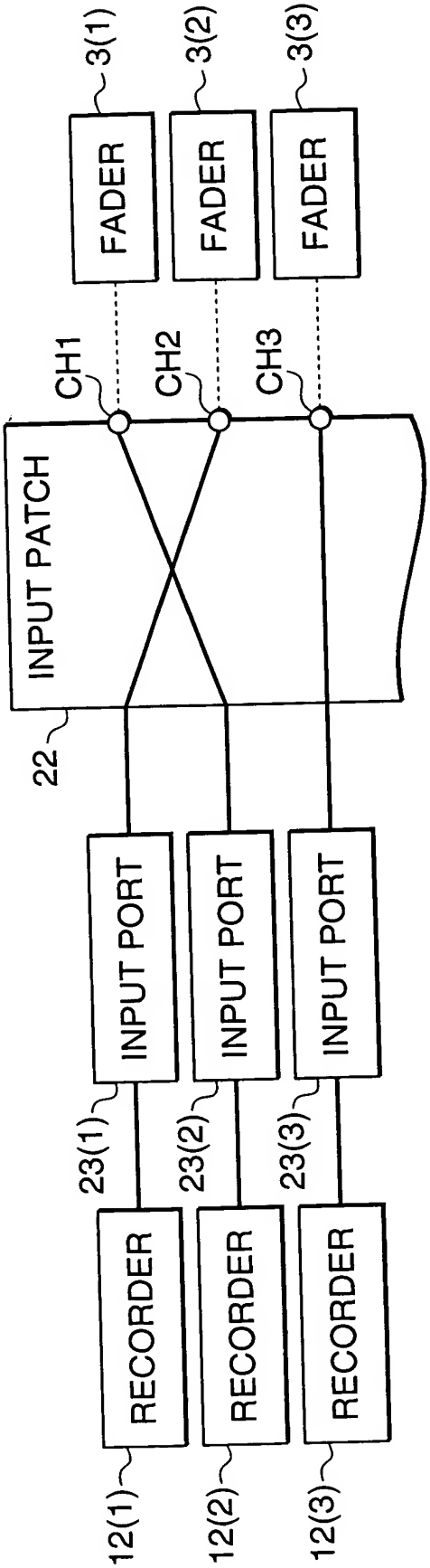

FADER
3(1)
FADER
3(2)
FADER
3(3)
CH1
CH2
CH3
INPUT PATCH
22
INPUT PORT
INPUT PORT
INPUT PORT
23(1)
23(2)
23(3)
RECORDER
RECORDER
RECORDER
12(1)
12(2)
12(3)

FIG. 5A

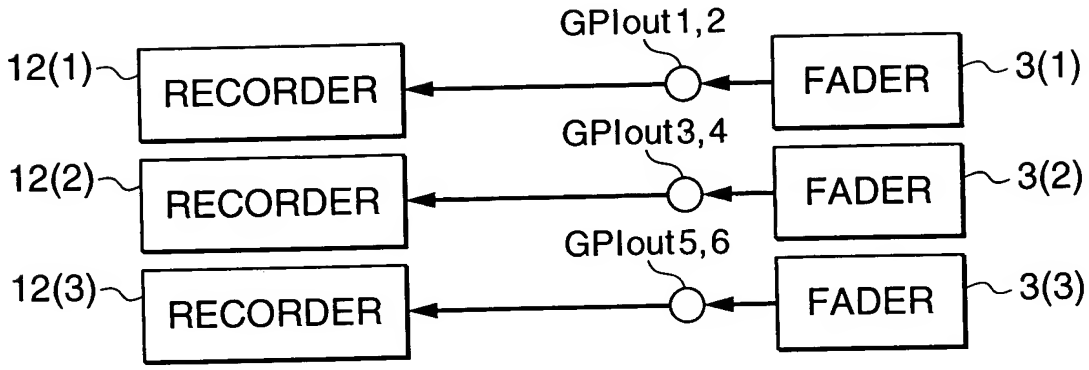

GPIout1,2
12(1)
RECORDER
FADER
3(1)
GPIout3,4
12(2)
RECORDER
FADER
3(2)
GPIout5,6
12(3)
RECORDER
FADER
3(3)

FIG. 5B

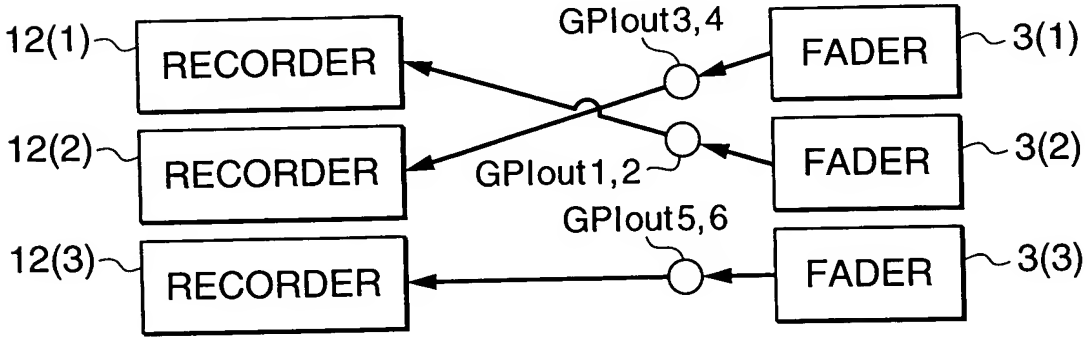

GPIout3,4
12(1)
RECORDER
FADER
3(1)
12(2)
RECORDER
FADER
3(2)
GPIout1,2
GPIout5,6
12(3)
RECORDER
FADER
3(3)

FIG. 6

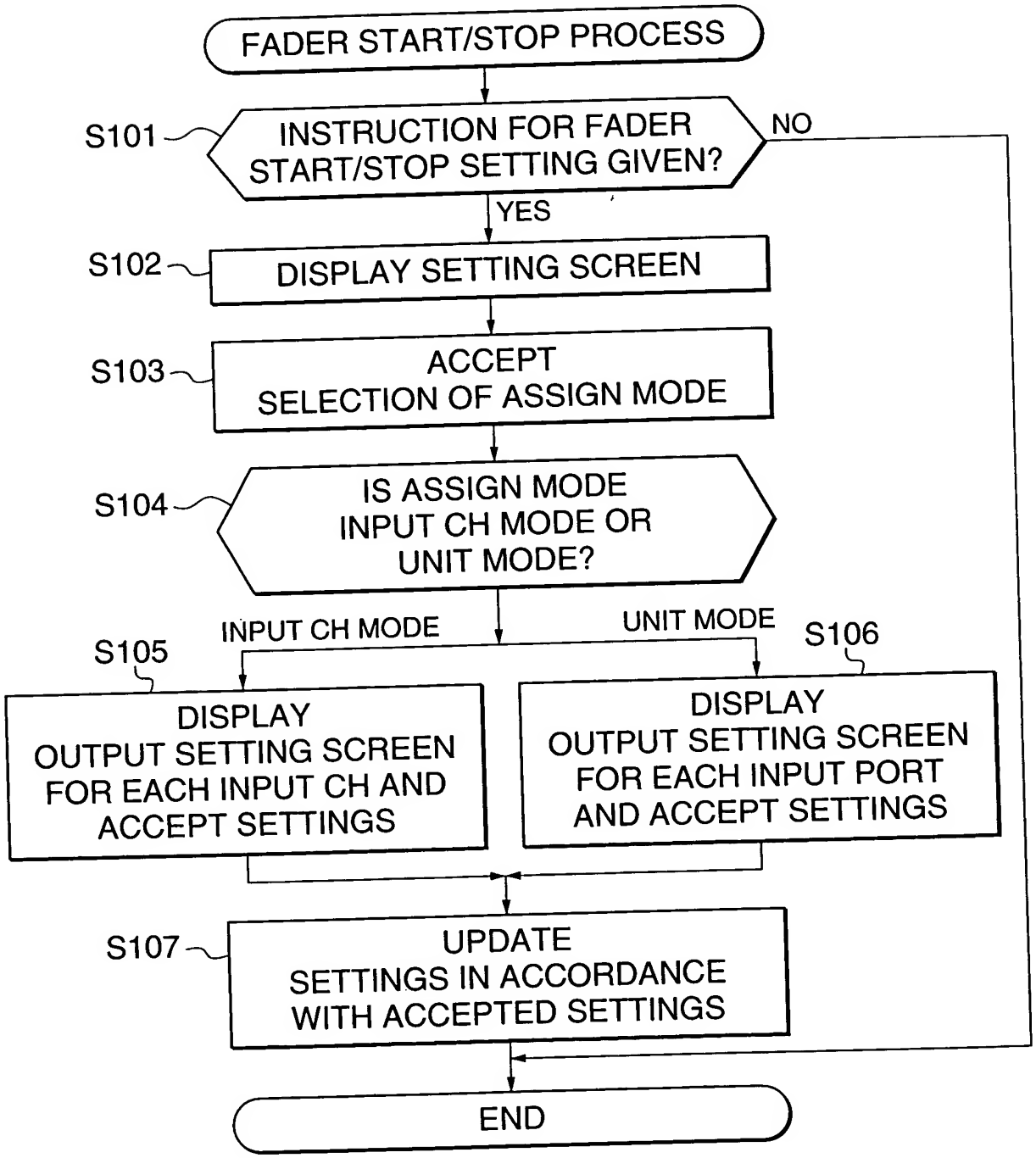

FADER START/STOP PROCESS
S101
INSTRUCTION FOR FADER START/STOP SETTING GIVEN?
NO
YES
S102
DISPLAY SETTING SCREEN
S103
ACCEPT SELECTION OF ASSIGN MODE
S104
IS ASSIGN MODE INPUT CH MODE OR UNIT MODE?
INPUT CH MODE
UNIT MODE
S105
DISPLAY OUTPUT SETTING SCREEN FOR EACH INPUT CH AND ACCEPT SETTINGS
S106
DISPLAY OUTPUT SETTING SCREEN FOR EACH INPUT PORT AND ACCEPT SETTINGS
S107
UPDATE SETTINGS IN ACCORDANCE WITH ACCEPTED SETTINGS
END

FIG. 7A

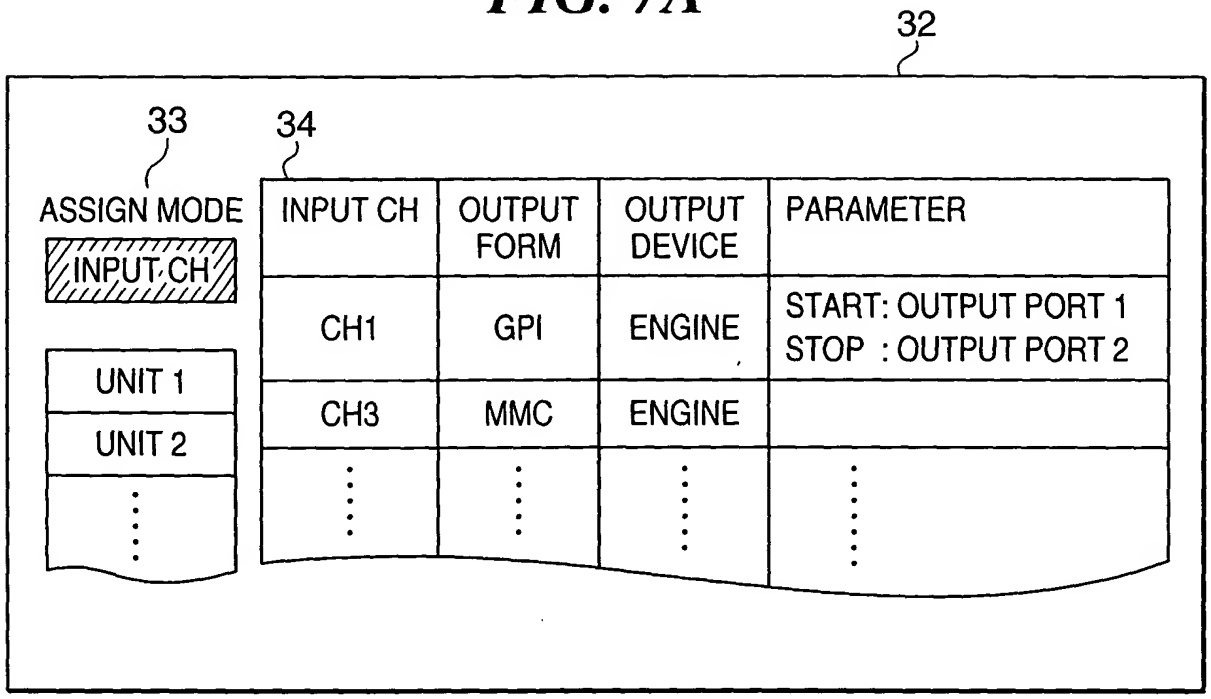

32
33
34
ASSIGN MODE
INPUT CH
UNIT 1
UNIT 2
INPUT CH
OUTPUT FORM
OUTPUT DEVICE
PARAMETER
CH1
GPI
ENGINE
START: OUTPUT PORT 1
STOP : OUTPUT PORT 2
CH3
MMC
ENGINE

FIG. 7B

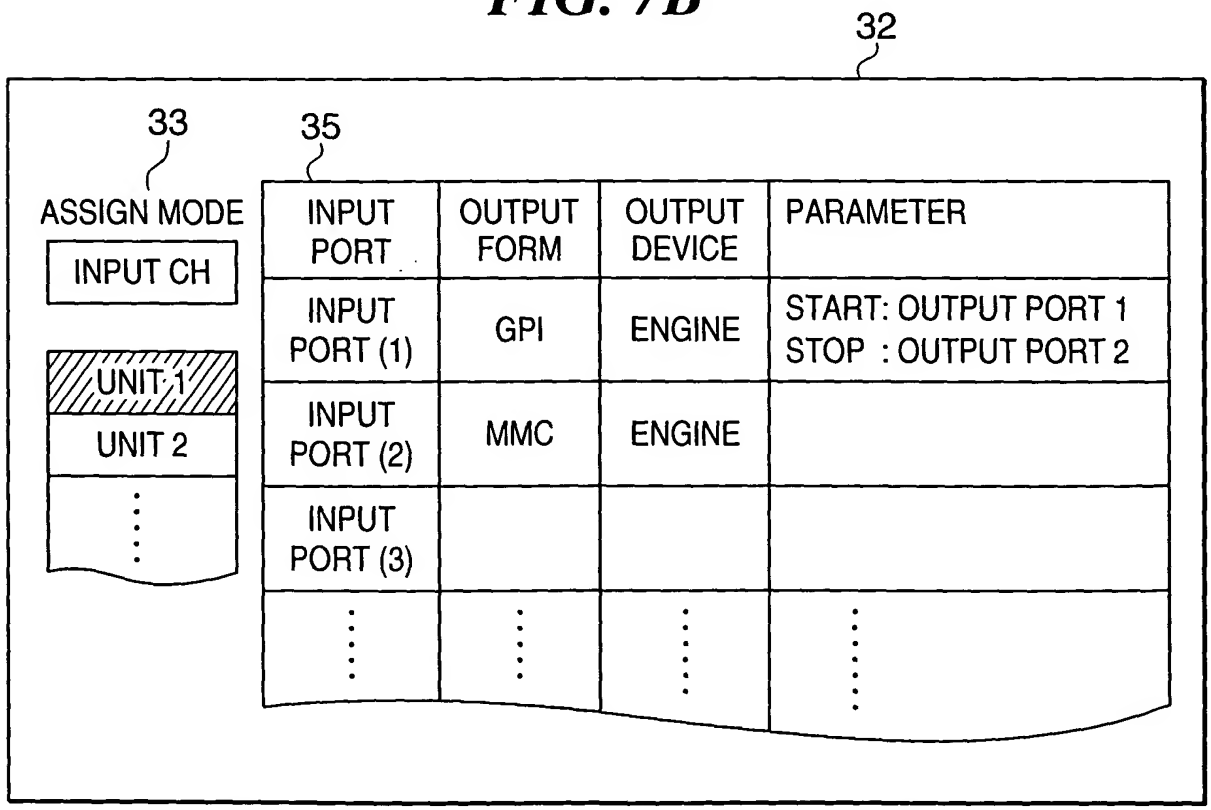
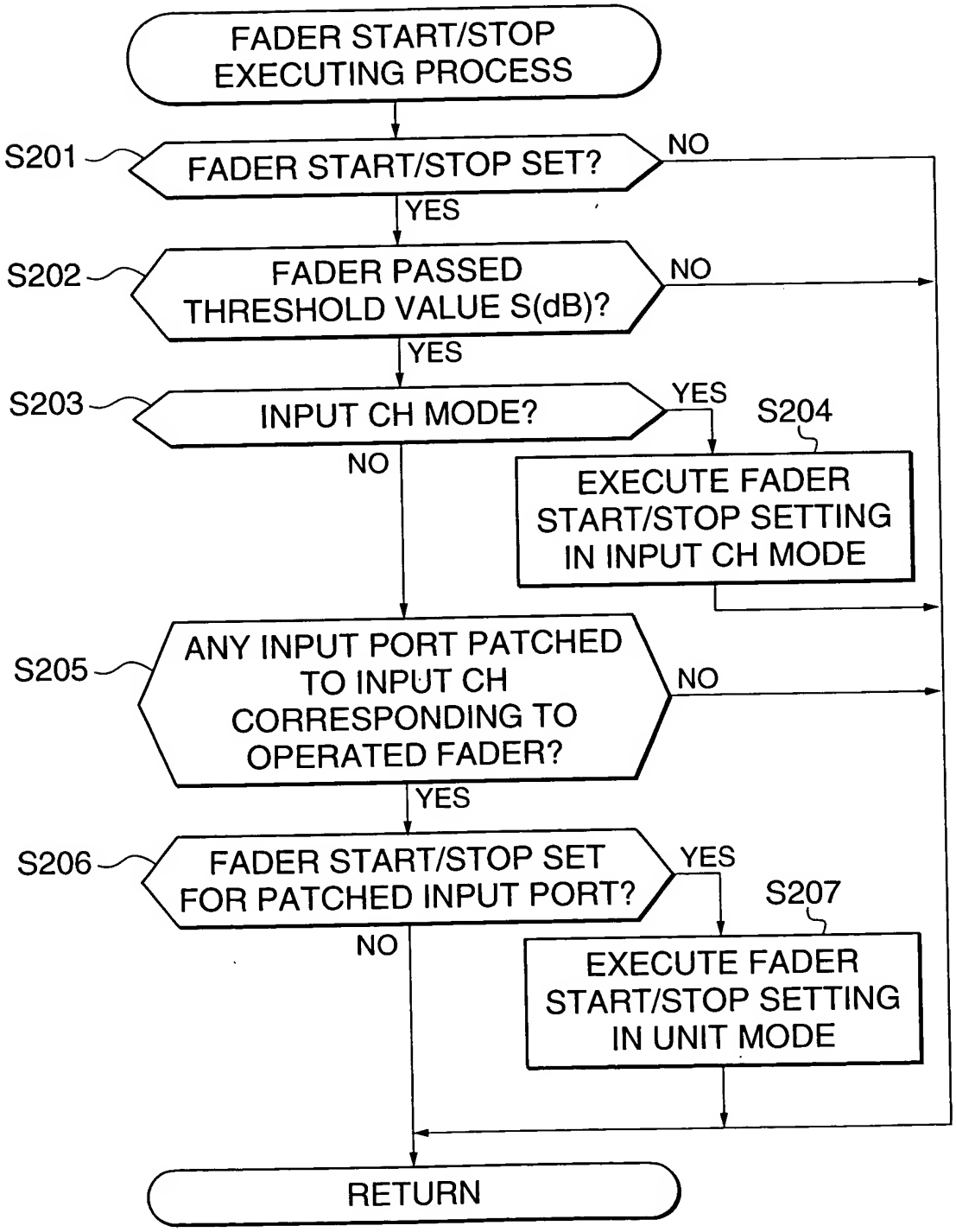

32
33
35
ASSIGN MODE
INPUT CH
UNIT 1
UNIT 2
INPUT PORT
OUTPUT FORM
OUTPUT DEVICE
PARAMETER
INPUT PORT (1)
GPI
ENGINE
START: OUTPUT PORT 1
STOP : OUTPUT PORT 2
INPUT PORT (2)
MMC
ENGINE
INPUT PORT (3)

FIG. 8


FADER START/STOP EXECUTING PROCESS
S201
FADER START/STOP SET?
NO
YES
S202
FADER PASSED THRESHOLD VALUE S(dB)?
NO
YES
S203
INPUT CH MODE?
YES
S204
NO
EXECUTE FADER START/STOP SETTING IN INPUT CH MODE
S205
ANY INPUT PORT PATCHED TO INPUT CH CORRESPONDING TO OPERATED FADER?
NO
YES
S206
FADER START/STOP SET FOR PATCHED INPUT PORT?
YES
S207
NO
EXECUTE FADER START/STOP SETTING IN UNIT MODE
RETURN